



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

WinDoor, Incorporated
7500 Amsterdam drive
Orlando, Florida, 32832

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "8000" Aluminum Sliding Glass Door W/WO Reinforcements-L. M. Impact

APPROVAL DOCUMENT: Drawing No. WIND0076, titled "8000 Series SGD-LMI", sheets 1 through 9 of 9, prepared by manufacturer, dated 07/04/04 and last revised on 05/13/09, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitation:

1. See Design Pressures Vs sizes, reinforcements, sill adapters and glass types in sheets 2.
2. Minimum two (2") long #14 wood installation screws are required.
3. Reinforcement item #39 shall be A1-6061-T6, as tested.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 10-0112.04 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

NOA No 12-0130.09
Expiration Date: April 14, 2015
Approval Date: April 26, 2012
Page 1

4/17/12
MIAMI-DADE COUNTY
APPROVED

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (transferred from file # **10-0112.04**)
2. Drawing No. **WIND0076**, titled "8000 Series SGD-LMI", sheets 1 through 9 of 9, prepared by manufacturer, dated 07/04/04 and last revised on 05/13/09, signed and sealed by Luis R. Lomas, P.E.

Note: This revision consists of FBC 2010 update only.

B. TESTS (transferred from file # 10-0112.04)

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with marked-up drawings and installation diagram of Aluminum Sliding Glass, prepared by National Certified Testing Laboratories Inc, Test Report No. **NCTL-210-3020-2**, dated 05/06/04 and revised on 05/11/09, signed & sealed by Gerald J, Ferrara, P.E.

2. Additional test report No. **NCTL-210-3582-1**, dated 05/04/09 issued by National Certified Testing Laboratories Inc for alum SGD per FBC, TAS 202-94 (Structural) and water Resistant Test, signed & sealed by Gerald J, Ferrara, P.E.

C. CALCULATIONS

1. Statement letter of conformance to FBC 2010, dated January 19, 2012, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Anchor verification calculations, structural & comparative analysis, complying with FBC-2007, dated 03-25-09, prepared, signed and sealed by Luis R. Lomas, P.E. (transferred from file # **10-0112.04**).
3. Glazing complies with ASTM E-1300-02 &-04

D. QUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

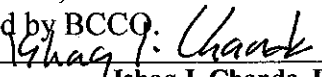
1. Notice of Acceptance No. **11-0624.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass ® Plus**", expiring on 01/14/17.
2. Notice of Acceptance No. **11-0624.01** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite PVB ®**", expiring on 01/14/16.
3. Notice of Acceptance No. **08-1224.04** issued to Solutia, for "Saflex Composite glass interlayer w/ PET core", expiring on 12/11/2013.

F. STATEMENTS

1. Statement letter of conformance to FBC 2010 and "No financial interest", dated 01/19/12, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Statement letters of conformance to FBC 2007 and "No financial interest", both Jan 05, 2010, signed and sealed by Luis R. Lomas, P.E. (transferred from file # **10-0112.04**)
3. Test lab compliance statement, part of the above referenced report.

G. OTHER

1. This NOA revises NOA # **10-0112.04**, expiring on April 14, 2015.
2. Test Proposals dated 01/05/09 and # **06-0152**, approved by BCCQ.

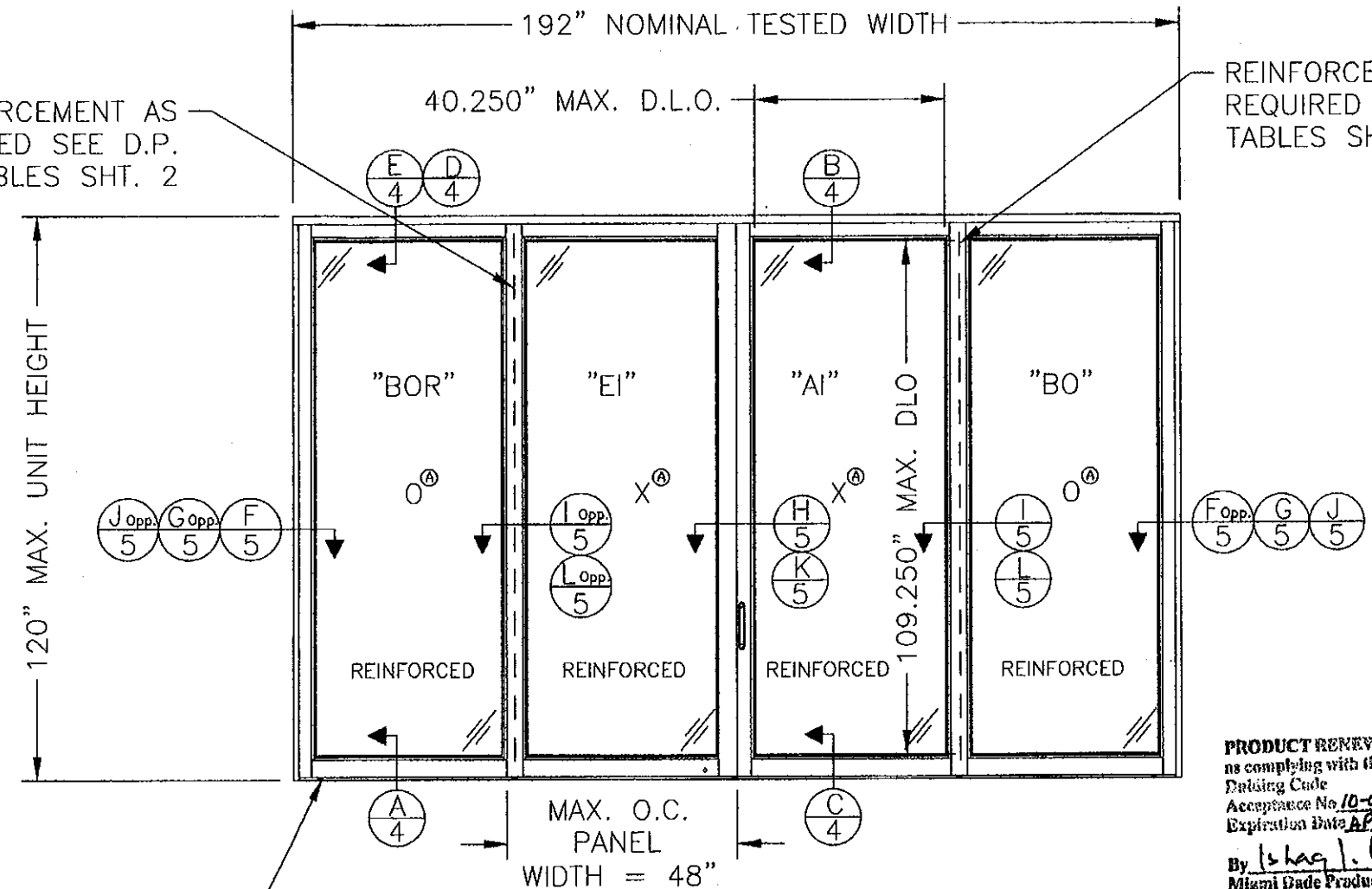

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 12-0130.09
Expiration Date: April 14, 2015
Approval Date: April 26, 2012

GENERAL NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
- 2) 1X OR 2X WOOD BUCK, STEEL OR WOOD FRAMING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE, BUCK OR FRAMING IS RESPONSIBILITY OF ARCHITECT OF RECORD.
- 3) PRODUCTS ARE APPROVED FOR USE WHERE LARGE MISSILE IMPACT RESISTANCE IS REQUIRED. IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.
- 4) SEE DESIGN PRESSURE CHARTS ON SHEET 2 FOR DESIGN PRESSURE RATINGS.

APPROVED CONFIGURATION TABLE	
2 TRACK	XO, OX, XX, OXO, OXXO

REINFORCEMENT AS REQUIRED SEE D.P. TABLES SHT. 2



REINFORCEMENT AS REQUIRED SEE D.P. TABLES SHT. 2

PRODUCT REVISIED
as complying with the Florida
Building Code
Acceptance No. 10-0112-04
Expiration Date APRIL 14, 2015
By Ishag I. Chanda
Miami Dade Product Control
Division

WEEP HOLE
1" X 0.1875" TYP.

8000 OXXO SLIDING GLASS DOOR

"BOR" PANEL (FIXED) = 49-1/2" X 118-5/16"
"EI" PANEL (ACTIVE) = 50-1/4" X 118-5/16"
"AI" PANEL (ACTIVE) = 49-1/2" X 118-5/16"
"BO" PANEL (FIXED) = 49-1/2" X 118-5/16"

D.L.O. FORMULA

D.L.O. HEIGHT = PANEL HEIGHT - 9"
D.L.O. WIDTH = PANEL WIDTH - 9"

PRODUCT REVISIED
as complying with the Florida
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Acceptance No. 12-0130-09
Expiration Date APRIL 14, 2015
By Ishag I. Chanda
Miami Dade Product Control
Division

PRODUCT REVISIED
as complying with the Florida
Building Code
Acceptance No. 08-1010-07
Expiration Date APRIL 14, 2010
By Ishag I. Chanda
Miami Dade Product Control
Division

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7	GLAZING DETAILS
8	BILL OF MATERIALS
9	COMPONENTS

1 - 9	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
1 - 9	C	REVISED PER DADE LETTER DATED 11-2-08	02/05/09	TJH
1 - 8	B	General revision and update to 2007 FBC Added Four Glass types	07/29/08	DRL
1	A	Per Dade County letter dated 12/03/04	12/29/04	DRL
SHEET	REV	DESCRIPTION	DATE	BY
REVISIONS				

LUIS R. LOMAS P.E.

Ishag I. Chanda
6/23/09

FLORIDA REGISTRATION
NO. 82514

WinDoor
INCORPORATED

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832

Phone: 407.481.8400
Fax: 407.481.0505

www.windoorinc.com

Dwg Title:

SERIES 8000 SGD LARGE MISSILE
ELEVATION AND GENERAL NOTES

SIZE	Drn By:	DWG NO.	REV
B	BB	WIND0076	D
SCALE	N.T.S.	DATE: 07/14/04	SHEET 1 OF 9

REINFORCED UNIT DESIGN PRESSURES & COMPARATIVE ANALYSIS

GLAZING TYPES B, C, F AND G

REINFORCED UNITS WITH 1 1/2" SILL RISER

Height (in)	Single Panel width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	45.0	150.0	45.0	150.0	45.0	150.0	45.0	150.0	45.0	150.0
84.0	45.0	150.0	45.0	150.0	45.0	150.0	45.0	150.0	45.0	150.0
96.0	45.0	150.0	45.0	150.0	45.0	150.0	45.0	146.3	45.0	133.3
108.0	45.0	150.0	45.0	150.0	45.0	142.2	45.0	126.1	45.0	114.3
120.0	45.0	150.0	45.0	146.3	45.0	125.5	45.0	110.8	45.0	100.0

REINFORCED UNITS WITH 2 1/4" SILL RISER

Height (in)	Single Panel width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	60.0	150.0	60.0	150.0	60.0	150.0	60.0	150.0	60.0	150.0
84.0	60.0	150.0	60.0	150.0	60.0	150.0	60.0	150.0	60.0	150.0
96.0	60.0	150.0	60.0	150.0	60.0	150.0	60.0	146.3	60.0	133.3
108.0	60.0	150.0	60.0	150.0	60.0	142.2	60.0	126.1	60.0	114.3
120.0	60.0	150.0	60.0	146.3	60.0	125.5	60.0	110.8	60.0	100.0

REINFORCED UNITS WITH 3" SILL RISER

Height (in)	Single Panel width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	150.0
84.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	150.0
96.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	146.3	80.0	133.3
108.0	80.0	150.0	80.0	150.0	80.0	142.2	80.0	126.1	80.0	114.3
120.0	80.0	150.0	80.0	146.3	80.0	125.5	80.0	110.8	80.0	100.0

REINFORCED UNITS WITH 3 1/2" SILL RISER

Height (in)	Single Panel width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	150.0
84.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	150.0
96.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	146.3	100.0	133.3
108.0	100.0	150.0	100.0	150.0	100.0	142.2	100.0	126.1	91.4	114.3
120.0	100.0	150.0	100.0	146.3	100.0	125.5	88.7	110.8	80.0	100.0

REINFORCED UNITS WITH 4 1/4" SILL RISER

Height (in)	Single Panel width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	120.0	150.0	120.0	150.0	120.0	150.0	120.0	150.0	120.0	150.0
84.0	120.0	150.0	120.0	150.0	120.0	150.0	120.0	150.0	120.0	150.0
96.0	120.0	150.0	120.0	150.0	120.0	150.0	117.0	146.3	106.7	133.3
108.0	120.0	150.0	120.0	150.0	113.8	142.2	100.9	126.1	91.4	114.3
120.0	120.0	150.0	117.0	146.3	100.4	125.5	88.7	110.8	80.0	100.0

NOTE: OPERABLE PANEL MUST COMPLY WITH MINIMUM WIDTH REQUIREMENTS PER FBC.

1 - 9	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
1 - 9	C	REVISED PER DADE LETTER DATED 11-2-08	02/05/09	TJH
1 - 8	B	General revision and update to 2007 FBC Added Four Glass types	07/29/08	DRL
1	A	Per Dade County letter dated 12/03/04	12/29/04	DRL
SHEET	REV	DESCRIPTION	DATE	BY
REVISIONS				

NON-REINFORCED UNIT DESIGN PRESSURES & COMPARATIVE ANALYSIS

GLAZING TYPES A, B, C, D, E, F AND G

NON-REINFORCED UNITS WITH 1 1/2" SILL RISER

Height (in)	Single Panel width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	45.0	90.0	45.0	90.0	45.0	90.0	45.0	90.0	45.0	90.0
84.0	45.0	90.0	45.0	90.0	45.0	90.0	45.0	90.0	45.0	90.0
96.0	45.0	90.0	45.0	90.0	45.0	90.0	45.0	87.8	45.0	80.0
108.0	45.0	90.0	45.0	90.0	45.0	85.3	45.0	75.7	45.0	68.6
120.0	45.0	90.0	45.0	87.8	45.0	75.3	45.0	66.5	45.0	60.0

NON-REINFORCED UNITS WITH 2 1/4" SILL RISER

Height (in)	Single Panel width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0
84.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0
96.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	87.8	60.0	80.0
108.0	60.0	90.0	60.0	90.0	60.0	85.3	60.0	75.7	57.1	68.6
120.0	60.0	90.0	60.0	87.8	60.0	75.3	55.4	66.5	50.0	60.0

NON-REINFORCED UNITS WITH 3" SILL RISER

Height (in)	Single Panel width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
84.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
96.0	75.0	90.0	75.0	90.0	75.0	90.0	73.1	87.8	66.7	80.0
108.0	75.0	90.0	75.0	90.0	71.1	85.3	63.1	75.7	57.1	68.6
120.0	75.0	90.0	73.1	87.8	62.7	75.3	55.4	66.5	50.0	60.0

NON-REINFORCED UNITS WITH 3 1/2" SILL RISER

Height (in)	Single Panel width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
84.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
96.0	75.0	90.0	75.0	90.0	75.0	90.0	73.1	87.8	66.7	80.0
108.0	75.0	90.0	75.0	90.0	71.1	85.3	63.1	75.7	57.1	68.6
120.0	75.0	90.0	73.1	87.8	62.7	75.3	55.4	66.5	50.0	60.0

NON-REINFORCED UNITS WITH 4 1/4" SILL RISER

Height (in)	Single Panel width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
84.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
96.0	75.0	90.0	75.0	90.0	75.0	90.0	73.1	87.8	66.7	80.0
108.0	75.0	90.0	75.0	90.0	71.1	85.3	63.1	75.7	57.1	68.6
120.0	75.0	90.0	73.1	87.8	62.7	75.3	55.4	66.5	50.0	60.0

PRODUCT REVISED
as complying with the Florida
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Expiration Date 4/14/15
By Ishag I. Chaudhry
Miami Dade Product Control
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PRODUCT RENEWED
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Miami Dade Product Control
Division

LUIS R. LOMAS P.E.

[Signature]
6/23/09

FLORIDA REGISTRATION
NO. 62514

WinDoor
INCORPORATED

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832

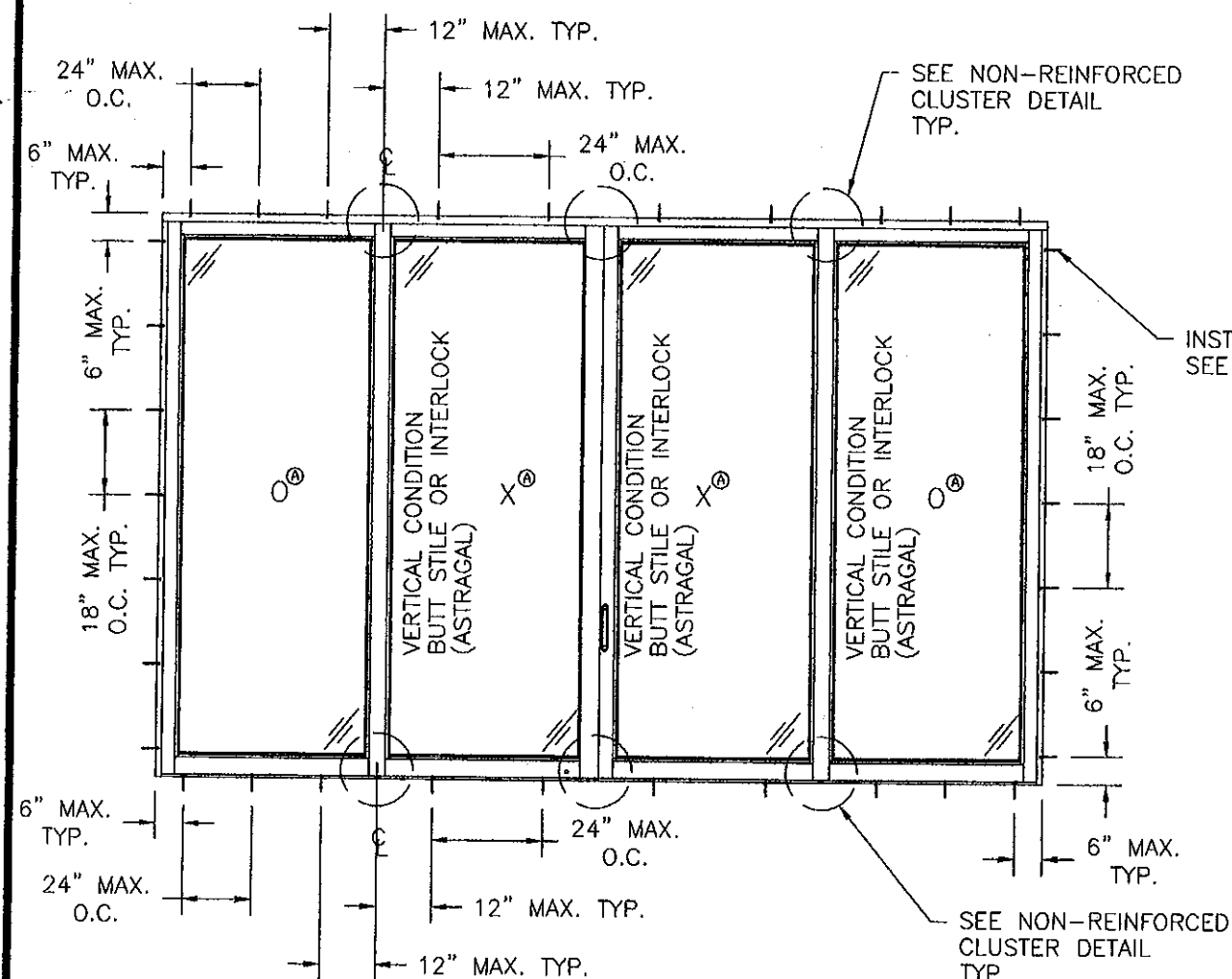
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

Dwg Title:

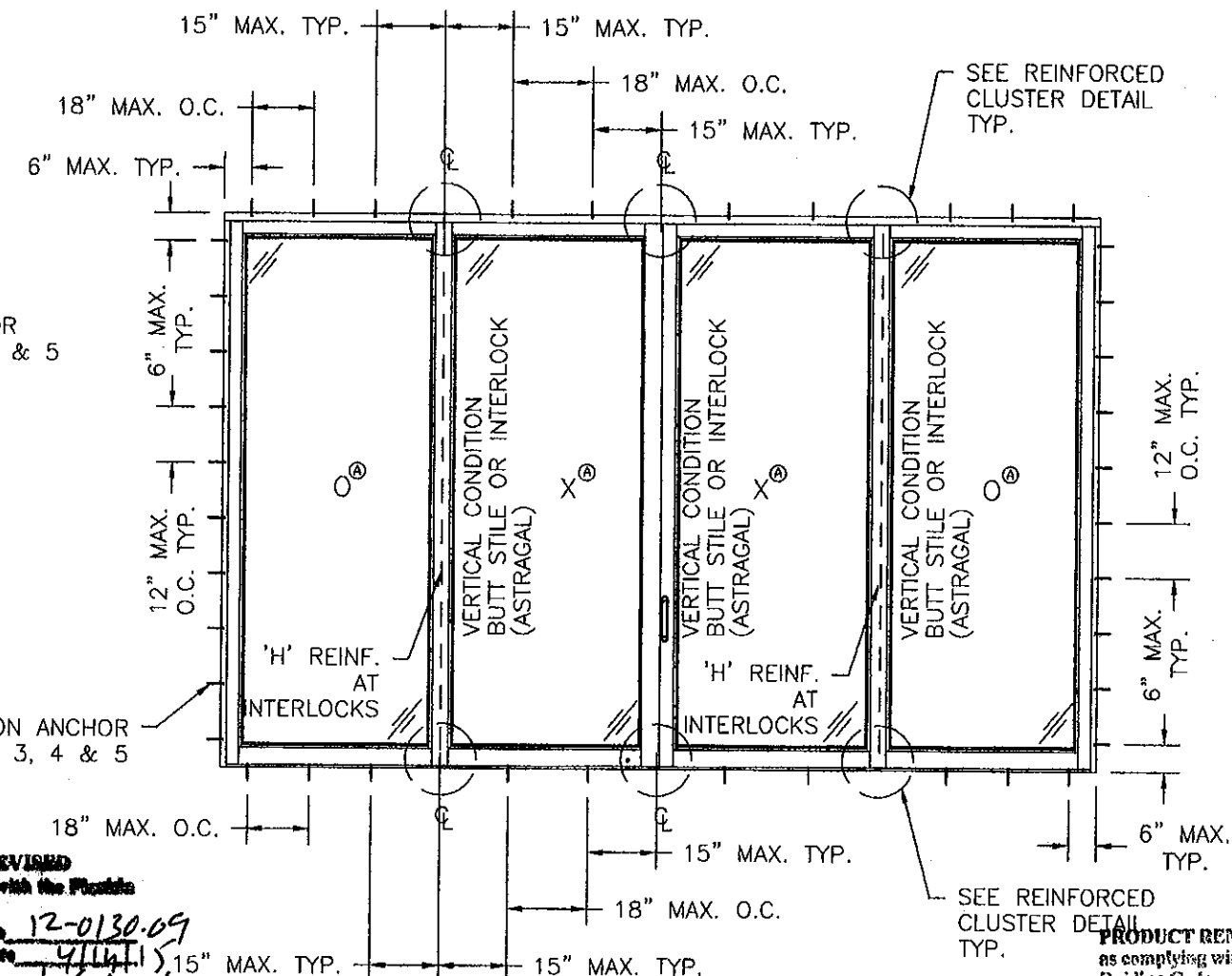
SERIES 8000 SGD LARGE MISSILE
COMPARATIVE ANALYSIS & DESIGN PRESSURE CHARTS

SIZE	Drn By:	DWG NO.	REV
B	BB	WIND0076	D

SCALE	N.T.S.	DATE:	07/14/04	SHEET	2 OF 9
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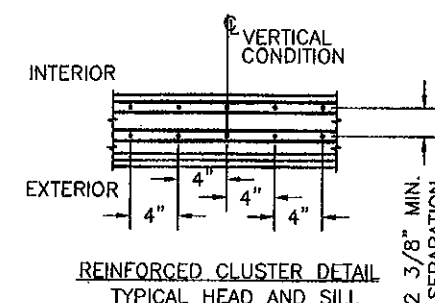
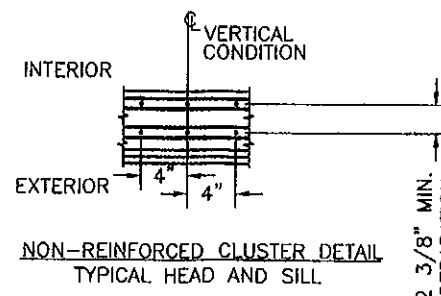
SERIES 8000 OXXO NON REINFORCED SLIDING GLASS DOOR
SEE NOTES THIS SHEET



SERIES 8000 OXXO REINFORCED SLIDING GLASS DOOR
SEE NOTES THIS SHEET

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as complying with the Florida
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PRODUCT RENEWED
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Acceptance No. 08-0112-04
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INSTALLATION NOTES:

- 1) SHIM AS REQ'D. AT EA. SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- 2) TWO (2) ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- 3) CONCRETE OR MASONRY SUBSTRATE WHERE 1X, NON-STRUCTURAL, WOOD BUCKING IS EMPLOYED, (1X TO BE PROPERLY SECURED TO SUBSTRATE AND REVIEWED BY BUILDING OFFICIAL), USE 1/4" DIAMETER ELCO CRETE-FLEX SS4 TAPCON CONCRETE ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM OF 1 1/4" INTO CONCRETE OR MASONRY.
- 4) WOOD FRAME SUBSTRATE, USE #14, GRADE 5 WOOD SCREW OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT OF 1 1/2" INTO WOOD FRAMING.
- 5) STEEL STUD FRAMING, USE #14, GRADE 5 WOOD SCREW OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 1 1/2" INTO THE STEEL FRAMING WITH WOOD BACKER.

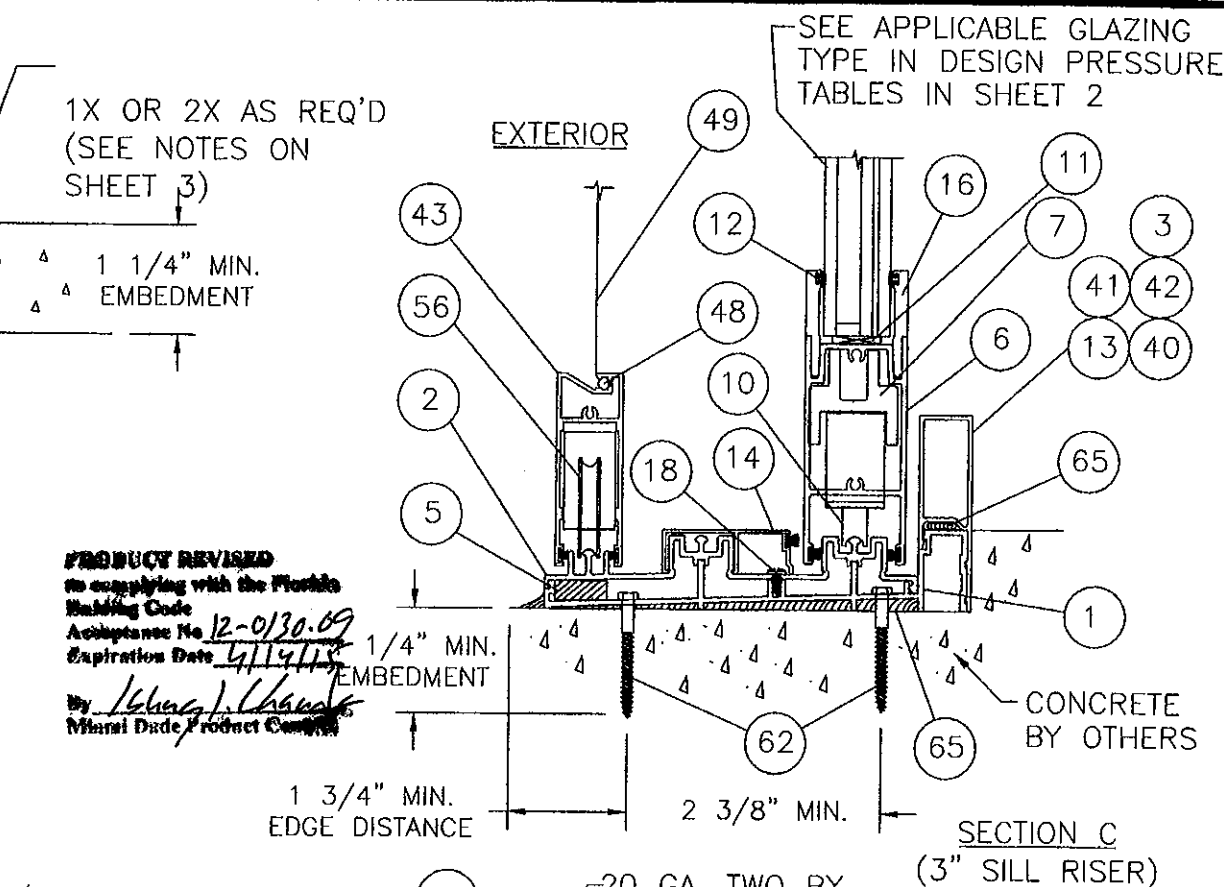
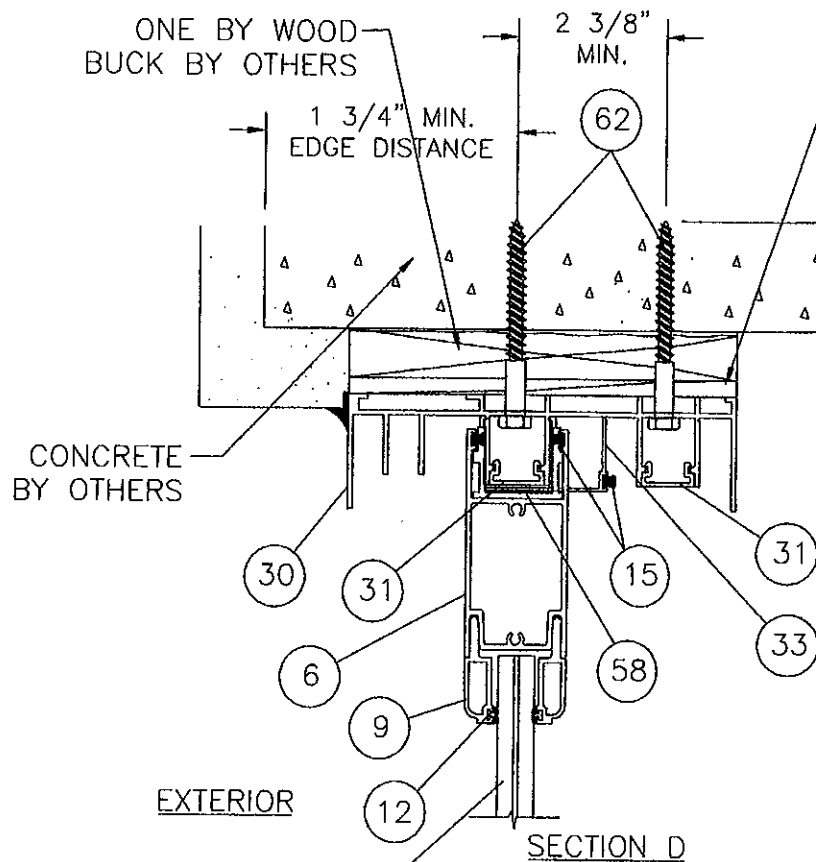
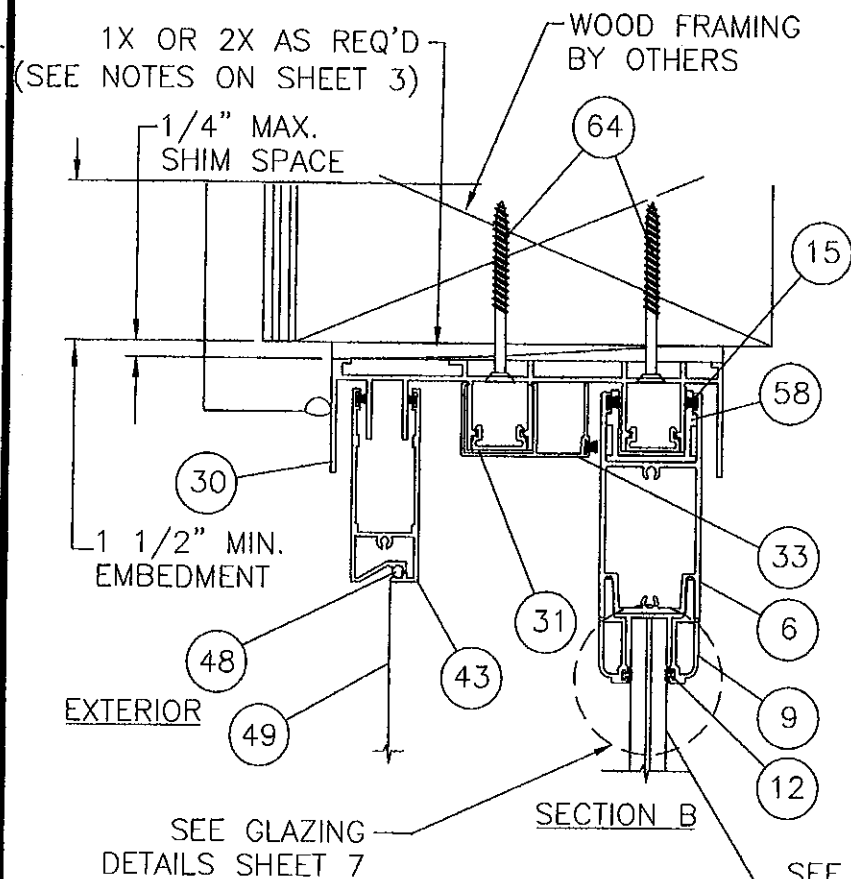
1 - 9	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
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1	A	Per Dade letter dated 12/03/04	12/29/04	DRL
SHEET	REV	DESCRIPTION	DATE	BY
REVISIONS				

LUIS R. LOMAS P.E.
[Signature]
6/23/09
FLORIDA REGISTRATION
NO. 62514

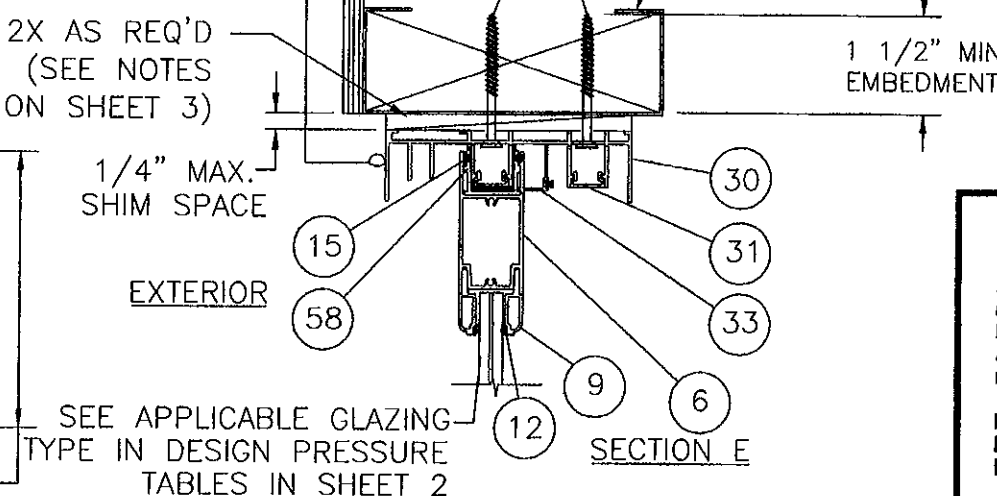
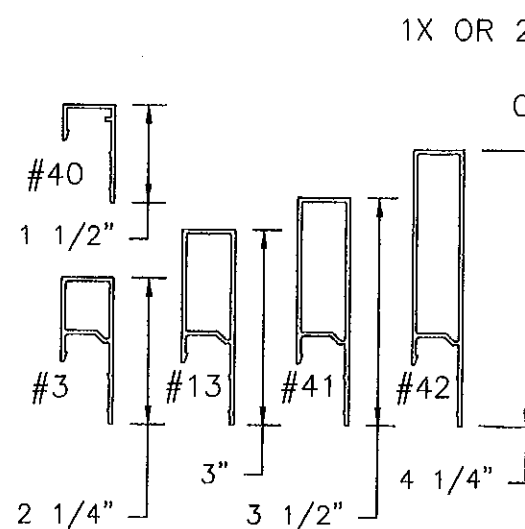
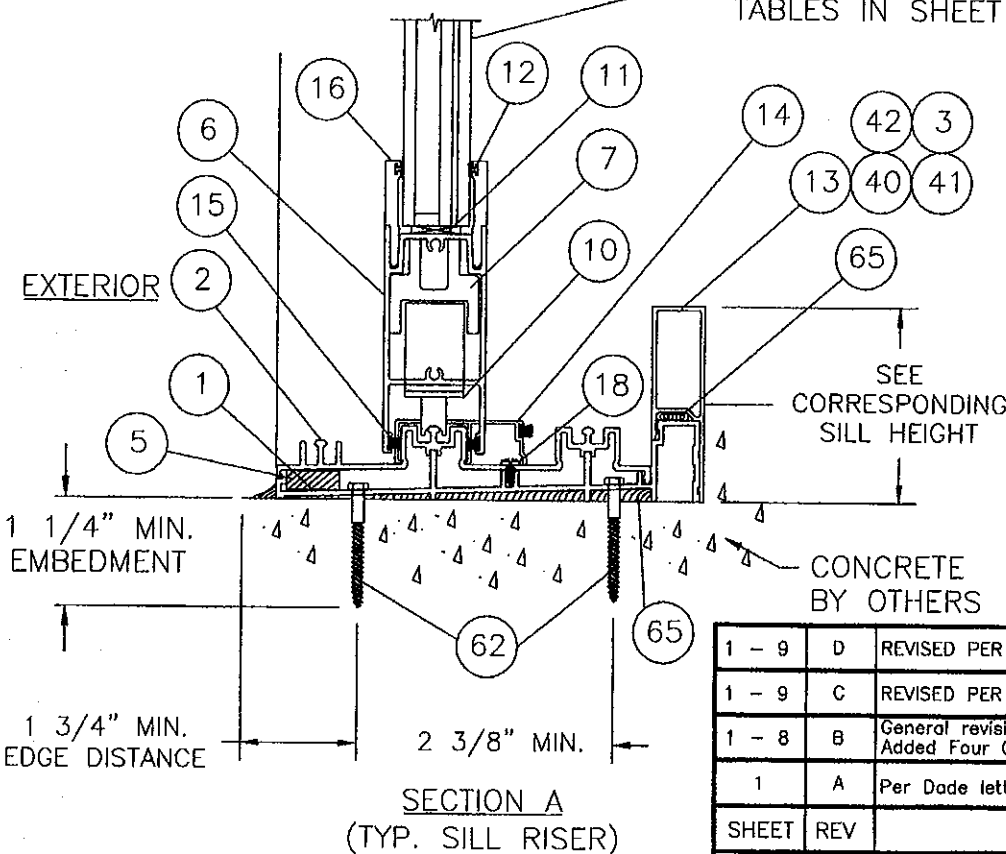
WinDoor
INCORPORATED

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

Dwg Title: SERIES 8000 SGD LARGE MISSILE ANCHORING DETAILS
SIZE B Drn By: BB DWG NO. WIND0076 REV D
SCALE N.T.S. DATE: 07/14/04 SHEET 3 OF 9



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 12-0130-09
 Expiration Date 4/14/15
 By *Shag L. Chandra*
 Miami Dade Product Control
 Division



PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 06-0112-04
 Expiration Date APRIL 14, 2016
 By *Shag L. Chandra*
 Miami Dade Product Control
 Division

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 06-1010-07
 Expiration Date APRIL 14, 2016
 By *Shag L. Chandra*
 Miami Dade Product Control
 Division

1 - 9	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
1 - 9	C	REVISED PER DADE LETTER DATED 11-2-08	02/05/09	TJH
1 - 8	B	General revision and update to 2007 FBC Added Four Glass types	07/29/08	DRL
1	A	Per Dade letter dated 12/03/04	12/29/04	DRL
SHEET	REV	DESCRIPTION	DATE	BY
REVISIONS				

LUIS R. LOMAS P.E.

Shag L. Chandra
6/23/09

FLORIDA REGISTRATION
NO. 62514

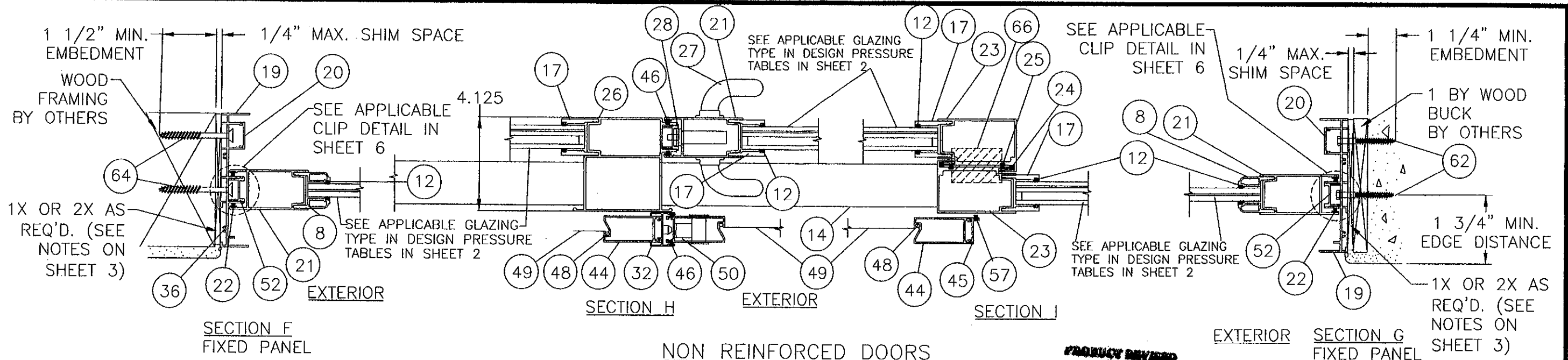
WinDoor
INCORPORATED

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

Dwg Title: SERIES 8000 SGD LARGE MISSILE VERTICAL CROSS SECTIONS

SIZE	Drn By:	DWG NO.	REV
B	BB	WIND0076	D

SCALE N.T.S. DATE: 07/14/04 SHEET 4 OF 9

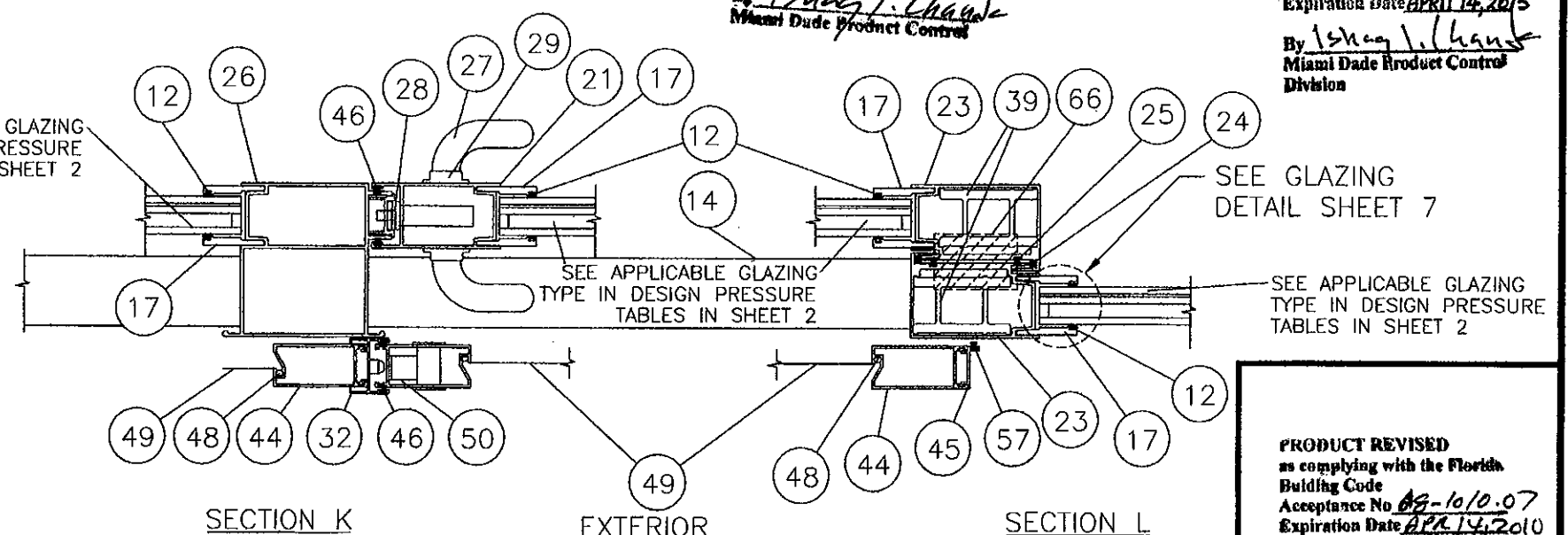
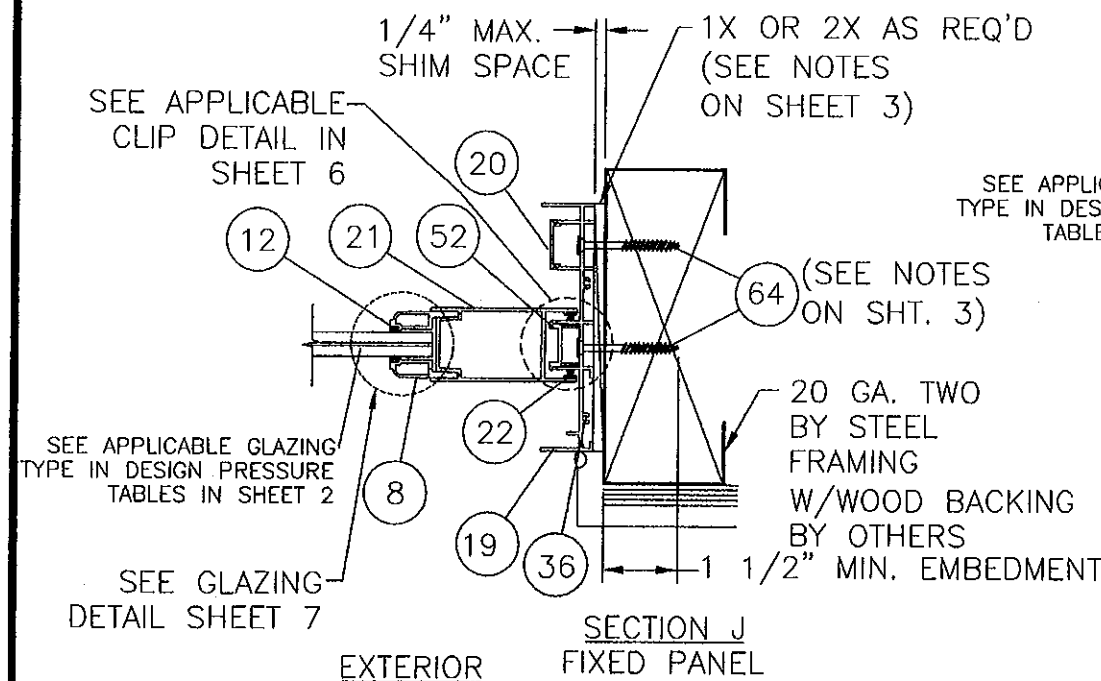


NON REINFORCED DOORS

INSTALLATION DETAILS FOR GLASS TYPE A, B, C, D, E, F AND G

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 12-0130.09
Expiration Date 4/14/15
By *Ishag I. Chande*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 10-0112.04
Expiration Date APRIL 14, 2015
By *Ishag I. Chande*
Miami Dade Product Control Division



REINFORCED DOORS

INSTALLATION DETAILS FOR GLASS TYPE B, C, F AND G

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 08-1010.07
Expiration Date APR 14, 2010
By *Ishag I. Chande*
Miami Dade Product Control Division

PANEL CONSTRUCTION
EACH PANEL HAS COPED & BUTTED CORNERS.
EACH CORNER IS FASTENED TOGETHER WITH TWO #10 X 1 1/4 SS PAN HEAD SCREWS.

SHEET	REV	DESCRIPTION	DATE	BY
1 - 9	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
1 - 9	C	REVISED PER DADE LETTER DATED 11-2-08	02/05/09	TJH
1 - 8	B	General revision and update to 2007 FBC Added Four Glass types	07/29/08	DRL
1	A	Per Dade letter dated 12/03/04	12/29/04	DRL
REVISIONS				

LUIS R. LOMAS P.E.

Luis R. Lomas

6/23/09

FLORIDA REGISTRATION NO. 62514

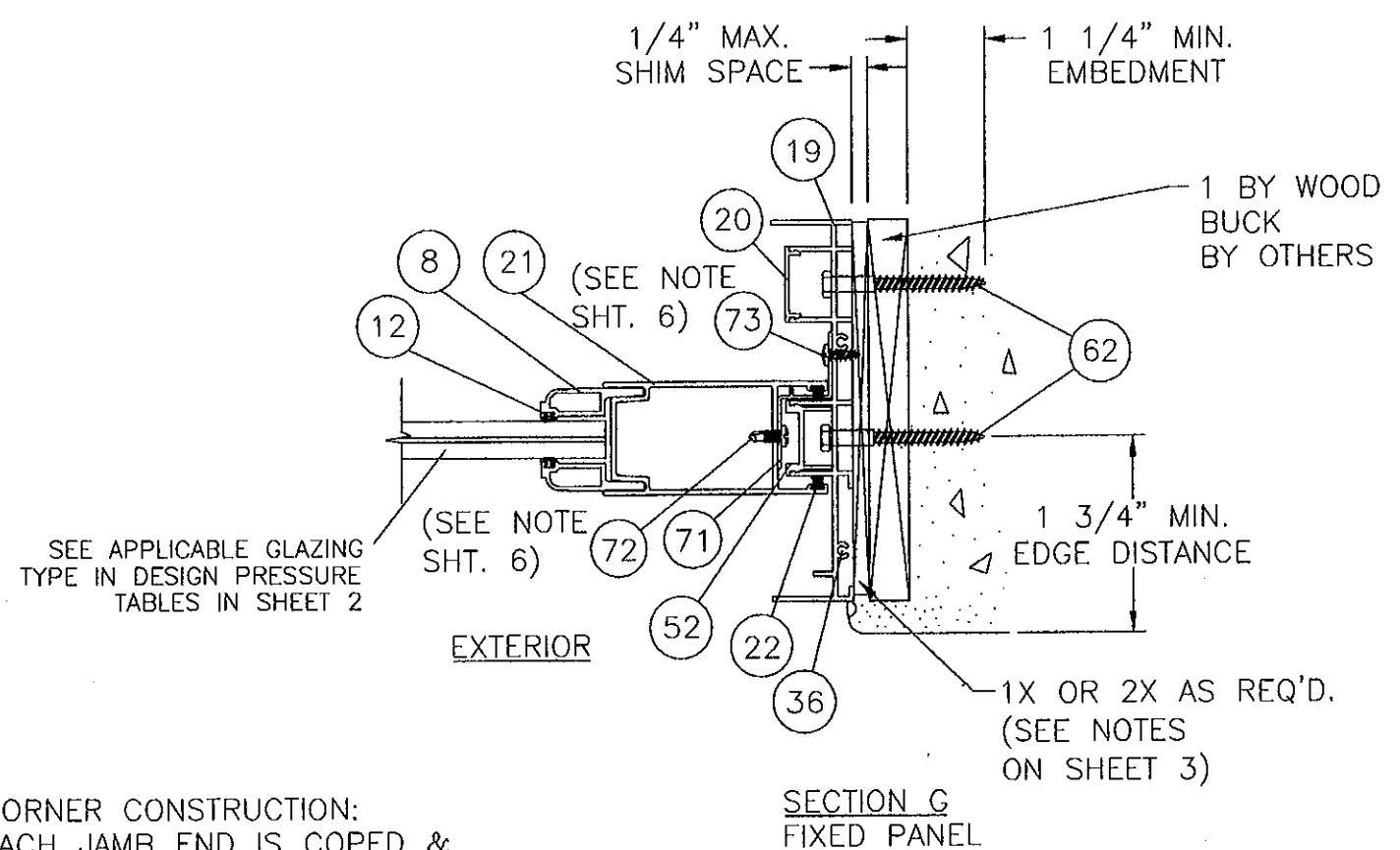
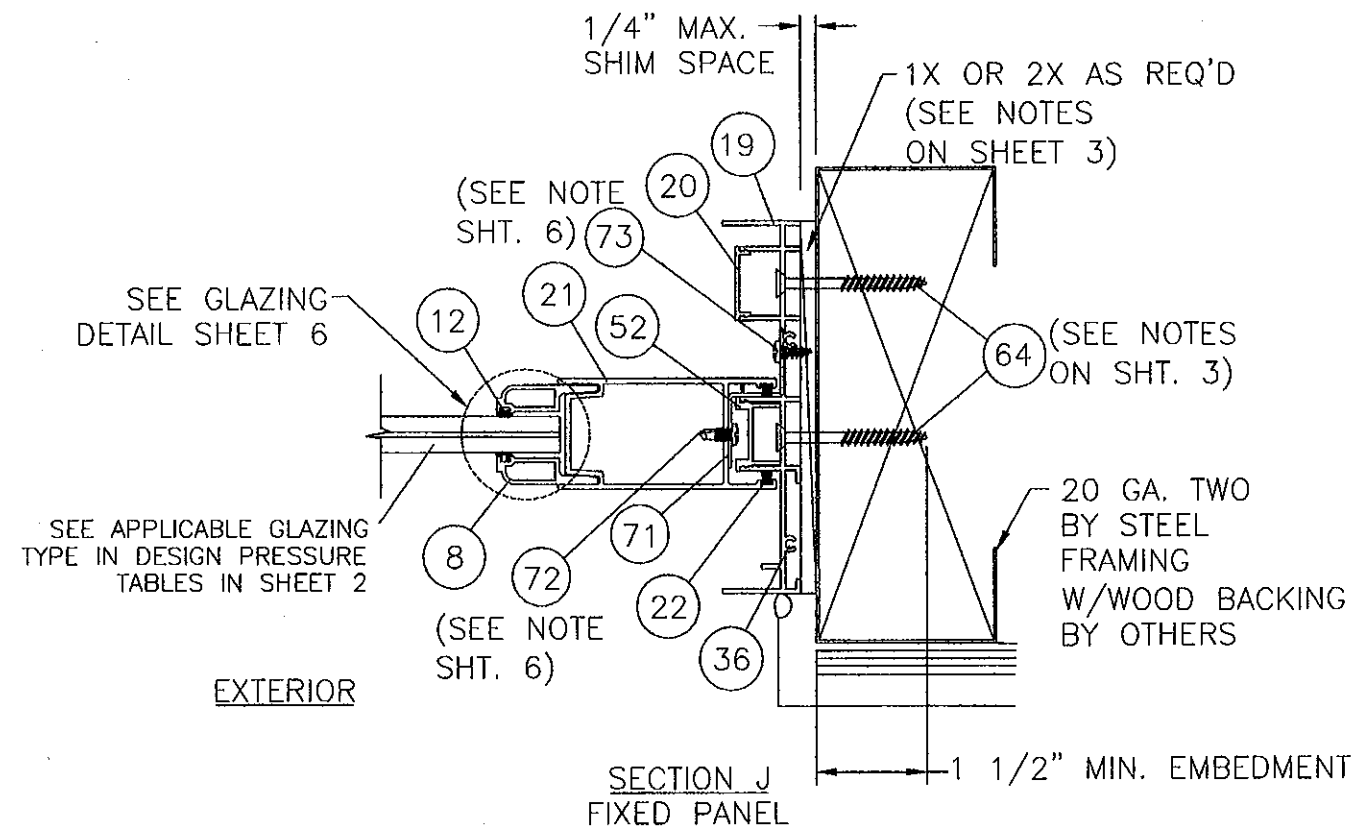
WinDoor INCORPORATED

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

Dwg Title: SERIES 8000 SGD LARGE MISSILE HORIZONTAL CROSS SECTIONS

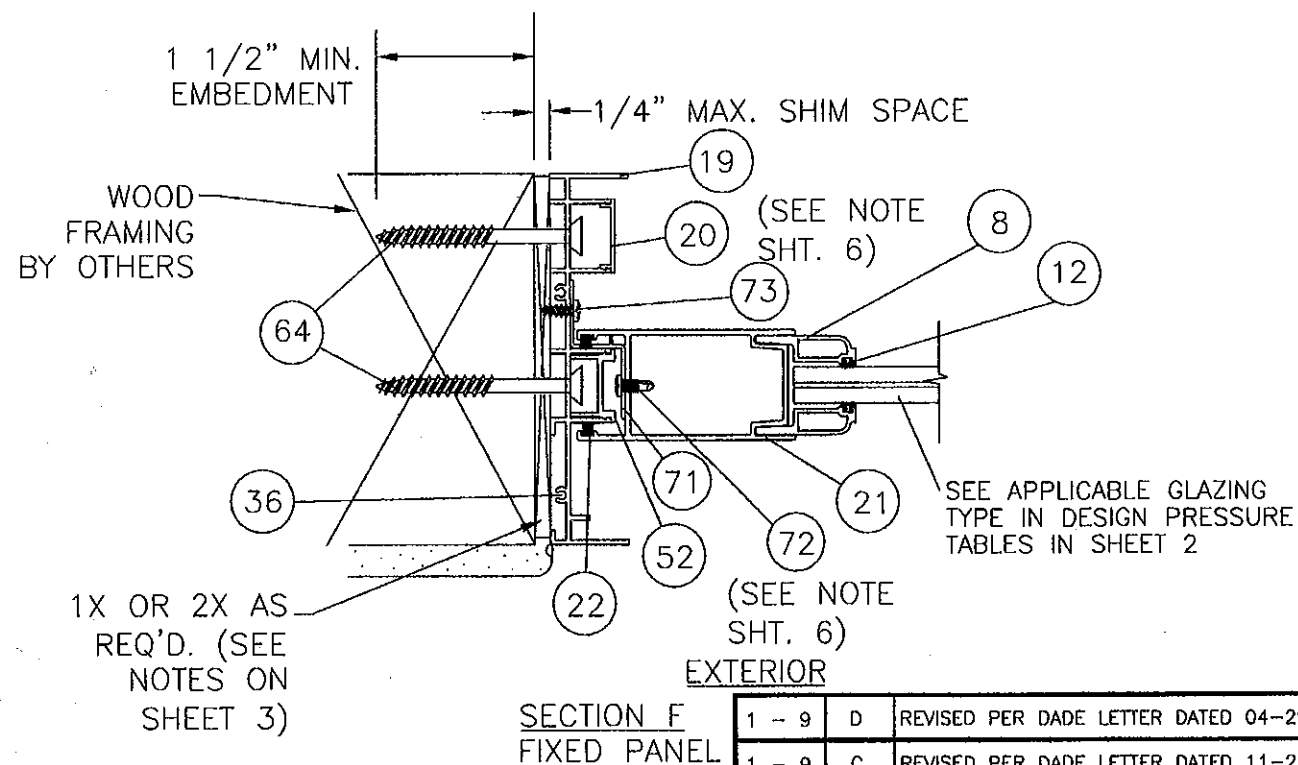
SIZE: B Drn By: BB DWG NO: WIND0076 REV: D

SCALE: N.T.S. DATE: 07/14/04 SHEET: 5 OF 9



CORNER CONSTRUCTION:
EACH JAMB END IS COPED &
BUTTED TO EITHER THE HEAD
OR SILL & SECURED WITH (2)
#8 X 5/8" PAN HEAD TYPE FSS SCREWS.

NOTES: (FIXED PANELS)
1. Z-CLIP, ITEM #71, TO BE USED WITH
GLASS TYPES D AND E ONLY. ITEMS #67 AND
#68 RESPECTIVELY.
2. ITEM #71, PVB PANEL Z-CLIP IS PLACED
IN THE CENTER OF THE PANEL AND IS
ATTACHED TO THE PANEL WITH (3) ITEM #72,
#10 x 1/2" TEKS SCREW, AND TO THE JAMB
WITH (3) ITEM #73, #10 x 1/2" SMS.
3. ALL FIXED PANELS ARE HELD IN PLACE
WITH ITEM #14, SILL COVER, AND ITEM #33,
HEAD COVER.



PANEL CONSTRUCTION
EACH PANEL HAS COPED & BUTTED CORNERS.
EACH CORNER IS FASTENED TOGETHER WITH
TWO #10 X 1 1/4 SS PAN HEAD SCREWS.

SHEET	REV	DESCRIPTION	DATE	BY
1 - 9	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
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1	A	Per Dade letter dated 12/03/04	12/29/04	DRL
REVISIONS				

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[Signature]
6/23/09
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NO. 62514

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ORLANDO, FL 32832
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Fax: 407.481.0505
www.windoorinc.com

Dwg Title: SERIES 8000 SGD LARGE MISSILE
HORIZONTAL CROSS SECTIONS

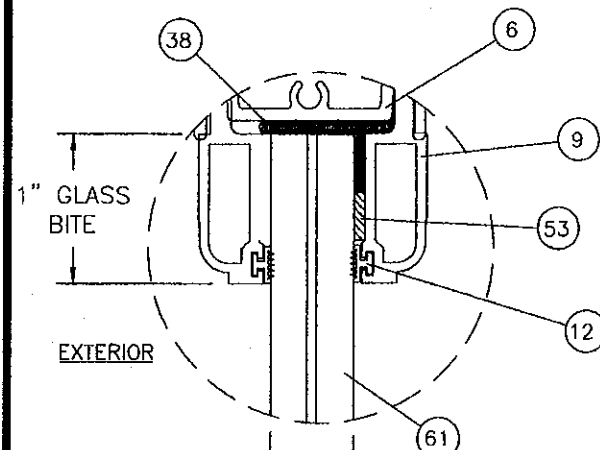
SIZE B	Drn By: BB	DWG NO. WIND0076	REV D
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SCALE N.T.S. DATE: 07/14/04 SHEET 6 OF 9

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 10-0112-04
Expiration Date APRIL 14, 2015
By *[Signature]*
Miami Dade Product Control
Division

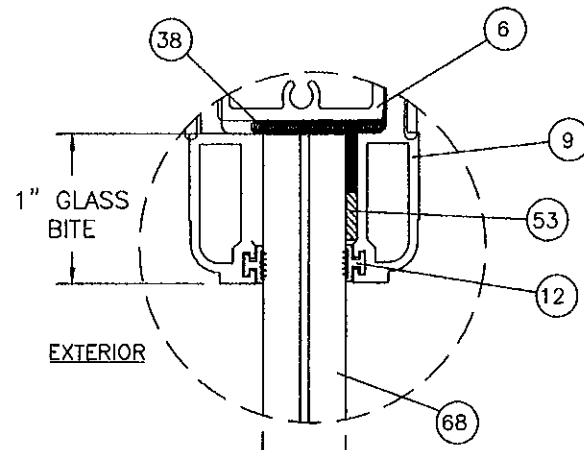
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 09-1010-07
Expiration Date APRIL 14, 2010
By *[Signature]*
Miami Dade Product Control
Division

NON-REINFORCED GLAZING ONLY



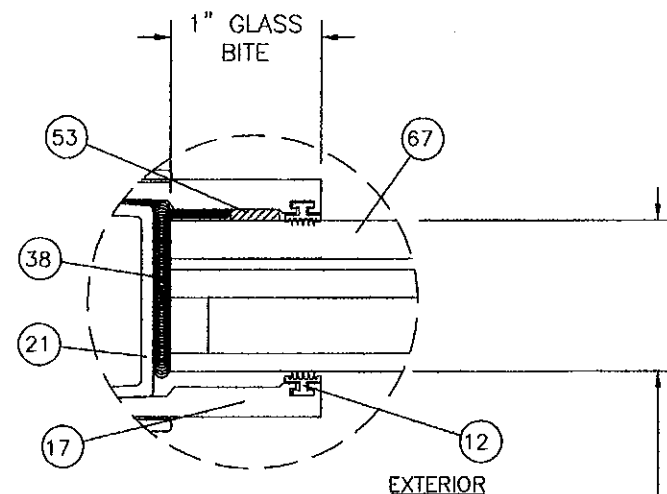
GLAZING TYPE A, #61
NON-REINFORCED UNITS ONLY

9/16" ANNEALED LAMINATED O.A. CONSISTING OF; 1/4" ANNEALED + 0.075" VANCEVA (VSO2) + 1/4" ANNEALED



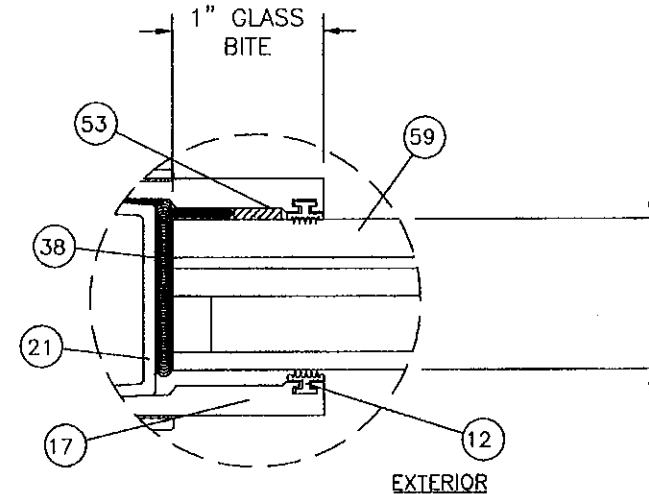
GLAZING TYPE E, #68
NON-REINFORCED UNITS ONLY

9/16" HS LAMINATED O.A. CONSISTING OF; 1/4" HEAT STRENGTHENED + 0.090" PVB BY DUPONT + 1/4" HEAT STRENGTHENED



GLAZING TYPE D, #67
NON-REINFORCED UNITS ONLY

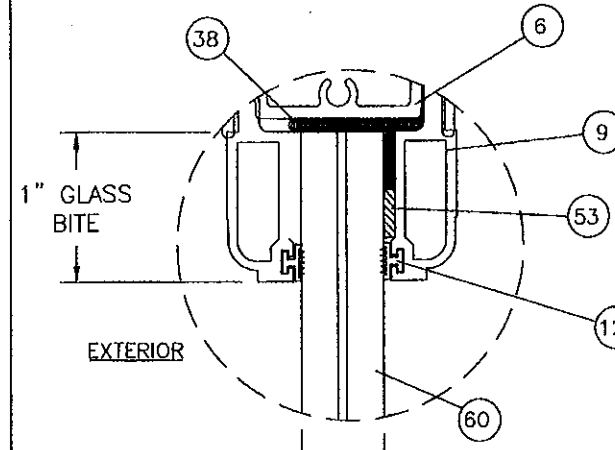
1" INSULATING GLASS O.A. CONSISTING OF: 3/16" TEMPERED (OUTSIDE LITE) + 3/8" AIR SPACE + 7/16" HEAT STRENGTHENED LAMINATED CONSISTING OF 3/16" HS + 0.090" PVB BY DUPONT + 3/16" HS (INSIDE LITE)



GLAZING TYPE B, #59

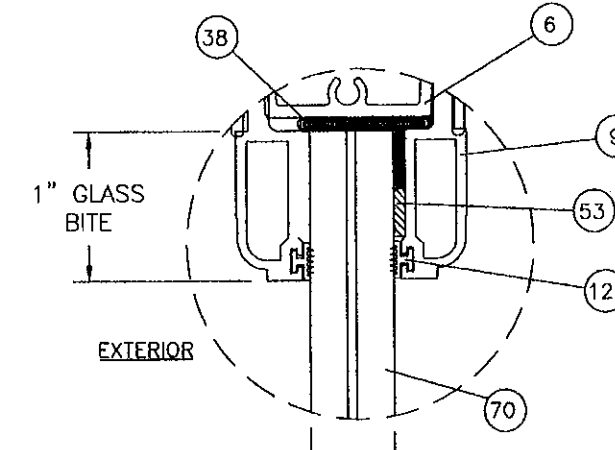
1" INSULATED GLASS O.A. CONSISTING OF: 3/16" TEMPERED GLASS (OUTSIDE LITE) + 3/8" AIR SPACE + 7/16" TEMPERED LAMINATED CONSISTING OF 3/16" TEMP + 0.075" VANCEVA (VSO2) + 3/16" TEMP (INSIDE LITE)

NON-REINFORCED AND REINFORCED GLAZING



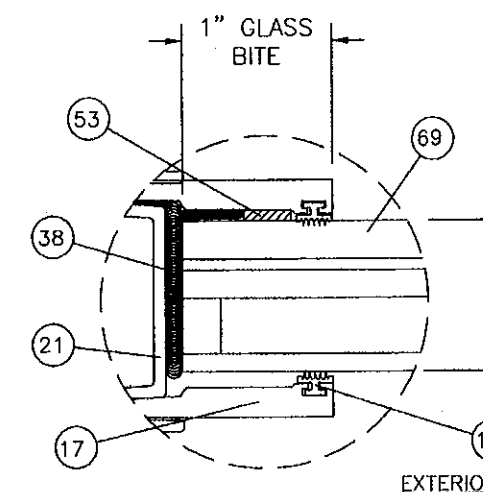
GLAZING TYPE C, #60

9/16" HS LAMINATED O.A. CONSISTING OF; 1/4" HEAT STRENGTHENED + 0.075" VANCEVA (VSO2) + 1/4" HEAT STRENGTHENED



GLAZING TYPE G, #70

9/16" HS LAMINATED O.A. CONSISTING OF; 1/4" HEAT STRENGTHENED + 0.090" SGP BY DUPONT + 1/4" HEAT STRENGTHENED



GLAZING TYPE F, #69

1" INSULATING GLASS O.A. CONSISTING OF: 3/16" TEMPERED (OUTSIDE LITE) + 3/8" AIR SPACE + 7/16" TEMPERED LAMINATED CONSISTING OF 3/16" TEMP + 0.090" SGP BY DUPONT + 3/16" TEMP (INSIDE LITE)

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 12-0130-09
Expiration Date 5/1/15
By Ishag L. Chaudhry
Miami Dade Product Control
Division

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 08-0112-04
Expiration Date APRIL 14, 2015
By Ishag L. Chaudhry
Miami Dade Product Control
Division

PRODUCT REVISIED
as complying with the Florida
Building Code
Acceptance No. 08-1010-07
Expiration Date APR 14, 2010
By Ishag L. Chaudhry
Miami Dade Product Control
Division

1 - 9	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
1 - 9	C	REVISED PER DADE LETTER DATED 11-2-08	02/05/09	TJH
1	B	General revision and update to 2007 FBC Added Four Glass types	07/29/08	DRL
1	A	Per Dade letter dated 12/03/04	12/21/04	DRL
SHEET	REV	DESCRIPTION	DATE	BY
REVISIONS				

LUIS R. LOMAS P.E.

Luis R. Lomas

6/23/09

FLORIDA REGISTRATION
NO. 62514

WinDoor
INCORPORATED

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832

Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

Dwg Title: SERIES 8000 SGD LARGE MISSILE GLAZING DETAILS

SIZE B	Drn By: BB	DWG NO. WIND0076	REV D
SCALE N.T.S.		DATE: 07/14/04	SHEET 7 OF 9

BILL OF MATERIAL					
NO.	PART NO.	DESCRIPTION			
1	FH-01884	2 TRACK WS/NS FRAME SILL PAN	BY KEMARK	EXTRUDED ALUM.	A6063-T6
2	FS-01885	2 TRACK WS FRAME SILL INSERT	BY KEMARK	EXTRUDED ALUM.	A6063-T6
3	FH-02625	2-1/4" SILL RISER		EXTRUDED ALUM.	A6063-T6
4		PANEL ASSY. SCREW #8 X 1/4" PH TYPE FSS			
5	BF04122-1	WEEP HOLE BAFFLE			
6	FH-01869	PANEL TOP & BOTTOM RAIL	BY KEMARK	EXTRUDED ALUM.	A6063-T6
7	FS-02643	ROLLER BACK UP	BY KEMARK	EXTRUDED ALUM.	A6063-T6
8	FF-01878	9/16" VERTICAL GLASS STOP	BY KEMARK		A6063-T6
9	FH-01877	9/16" HORIZONTAL GLASS STOP	BY KEMARK	EXTRUDED ALUM.	A6063-T5
10	1988-9000	TANDEM ROLLER			
11	NSB 3/16-3/4-2	GLASS SETTING BLOCK			
12	TP870	IMPACT GLASS STOP VINYL SEAL			
13	FH-02813	3" SILL RISER	BY KEMARK	EXTRUDED ALUM.	A6063-T6
14	FS-02208	FRAME SILL COVER	BY KEMARK	EXTRUDED ALUM.	A6063-T6
15	W33351NK000	TOP, BOTTOM RAIL, HEAD & SILL COVER FINSEAL .187 X .350			
16	FS-01879	1" HORIZONTAL GLASS STOP	BY KEMARK	EXTRUDED ALUM.	A6063-T6
17	FS-01880	1" VERTICAL GLASS STOP	BY KEMARK	EXTRUDED ALUM.	A6063-T6
18		#8 x 1/4 PH SILL PAN SCREW			
19	FS-01845	2 TRACK WS/NS FRAME JAMB	BY KEMARK	EXTRUDED ALUM.	A6063-T6
20	FS-01883	FRAME JAMB INSERT	BY KEMARK	EXTRUDED ALUM.	A6063-T6
21	FH-01871	PANEL LOCK STILE	BY KEMARK	EXTRUDED ALUM.	A6063-T6
22	W32211NK000	LOCK STILE FINSEAL .187 X .220		EXTRUDED ALUM.	A6063-T6
23	FH-02491	PANEL INTERLOCK STILE	BY KEMARK	EXTRUDED ALUM.	A6063-T6
24	TP876	INTERLOCK BUMPERS			
25	W33221NK000	INTERLOCK FINSEAL .187 X .220			
26	FH-02165	FEMALE BUTT STILE	BY KEMARK	EXTRUDED ALUM.	A6063-T6
27	1414	OLYMPUS HANDLE SET			
28	2468	DUEL POINT MORTISE LOCK W/KEEPER			
29	2470	MORTISE LOCK THUMB TURN			
30	FS-01846	2 TRACK WS/NS FRAME HEAD	BY KEMARK	EXTRUDED ALUM.	A6063-T6
31	FS-01882	FRAME HEAD INSERT	BY KEMARK	EXTRUDED ALUM.	A6063-T6
32	FS-02650	SCREEN ASTRAGAL	BY KEMARK	EXTRUDED ALUM.	A6063-T6
33	FS-02210	FRAME HEAD COVER	BY KEMARK	EXTRUDED ALUM.	A6063-T6
34	NRAHP	PANEL HEIGHT ADJUSTMENT HOLE PLUGS			
35		PANEL ASSY. SCREW #10 X 1-1/4" PH TYPE FSS			
36		FRAME ASSY. SCREW #8 X 5/8" PH TYPE FSS			
37		ROLLER INST. SCREW #8 X 5/8" PH TYPE FSS			
38	GLAZING SEALANT	SIKA 552 SEALANT			601
39	FH-02641	REINFORCING BAR (FULL LENGTH)	BY KEMARK	EXTRUDED ALUM.	A6063-T6
40	FS-02629	1-1/2" SILL RISER	BY KEMARK	EXTRUDED ALUM.	A6063-T6
41	FH-02626	3-1/2" SILL RISER	BY KEMARK	EXTRUDED ALUM.	A6063-T6
42	FH-02939	4-1/4" SILL RISER	BY KEMARK	EXTRUDED ALUM.	A6063-T6
43	FH-02300	SCREEN TOP & BOTTOM RAIL	BY KEMARK	EXTRUDED ALUM.	A6063-T6
44	FH-02395	SCREEN STILE	BY KEMARK	EXTRUDED ALUM.	A6063-T6
45	FH-02209	SCREEN INTERLOCK SWEEP	BY KEMARK		
46	W13131NK	SCREEN FINSEAL .187 X .130			
47		SCREEN ASSY. SCREW #8 X 5/8 PH TYPE F			
48	TP-055.175 SSS	SCREEN SPLINE			
49		SCREEN CLOTH			
50	SGD-205 CH	SCREEN FLUSH LOCK W/KEEPER & SCREWS			

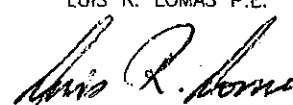
BILL OF MATERIAL		
NO.	PART NO.	DESCRIPTION
51	PCT300 WHYC	SCREEN DUMMY LOCK PULL
52	FS-02726	FRAME JAMB STILE INSERT BY KEYMARK
53	VPP8B	GLAZING TAPE 1/4" X 3/8"
54	NRAHP	PANEL HEIGHT ADJUSTMENT PLUGS
55		SCREEN ROLLER INSTALLATION SCREWS #8 X 3/4 PH TYPE F
56	PJS 7623-09-SS-N	SCREEN ROLLER
57	W23401NK	WEATHER STRIPPING .187 X .400 A6063-T6
58	NPG	NYLON PANEL GUIDE
59	GLAZING TYPE B	1" INSULATED GLASS O.A. CONSISTING OF: 3/16" TEMPERED GLASS (OUTSIDE LITE) + 3/8" AIR SPACE + 7/16" TEMP LAMINATED CONSISTING OF 3/16" TEMP + 0.075" VANCEVA (VSO2) + 3/16" TEMP (INSIDE LITE)
60	GLAZING TYPE C	9/16" O.A.: 1/4" H.S.; .075 VANCEVA COMPOSITE; 1/4" H.S.
61	GLAZING TYPE A	9/16" O.A.: 1/4" ANN.; .075 VANCEVA COMP; 1/4" ANN.
62		1/4" DIA. ELCO CRETE-FLEX SS4 TAPCON
64		1/4" DIAMETER CUT THREAD WOOD SCREW
65		SILICONE CAULK
66	P7569AM	.75" HIGH x 1.5" x 2.25" DUAL FINNED DUST PAD
67	GLAZING TYPE D	1" INSULATED GLASS O.A. CONSISTING OF: 3/16" TEMPERED GLASS (OUTSIDE LITE) + 3/8" AIR SPACE + 7/16" HEAT STRENGTHENED LAMINATED CONSISTING OF 3/16" HS + 0.090" PVB BY DUPONT + 3/16" HS (INSIDE LITE)
68	GLAZING TYPE E	9/16" O.A. (1/4" HS + 0.090 PVB BY DUPONT + 1/4" HS)
69	GLAZING TYPE F	1" INSULATED GLASS O.A. CONSISTING OF: 3/16" TEMPERED GLASS (OUTSIDE LITE) + 3/8" AIR SPACE + 7/16" TEMPERED LAMINATED CONSISTING OF 3/16" TEMP + 0.090" SGP BY DUPONT + 3/16" TEMP (INSIDE LITE)
70	GLAZING TYPE G	9/16" O.A. (1/4" HS + 0.090 SGP BY DUPONT + 1/4" HS)
71		PVB PANEL Z-CLIP
72		#10 X 1/2" TEK SCREW
73		#10 X 1/2 SMS

PRODUCT RENEWED
as complying with the Florida
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Expiration Date 4/14/15
By Isaac J. Chandra
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 12-0112.04
Expiration Date APR 14, 2015
By Isaac J. Chandra
Miami Dade Product Control
Division

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 26-1010.07
Expiration Date APR 14, 2010
By Isaac J. Chandra
Miami Dade Product Control
Division

1 - 9	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
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REVISIONS				

LUIS R. LOMAS P.E.  6/23/09 FLORIDA REGISTRATION NO. 62514		WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
Dwg Title: SERIES 8000 SGD LARGE MISSILE BILL OF MATERIALS			
SIZE B	Drn By: BB	DWG NO. WIND0076	REV D
SCALE N.T.S.	DATE: 07/14/04	SHEET 8 OF 9	

